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**(54) AUTOMATIC ANALYSIS APPARATUS**

**(57) Abstract:**

**PURPOSE:** To obtain an automatic analysis apparatus in which structure can be simplified and programs can collectively be exchanged and which can execute the program larger than a main storage capacity by providing auxiliary storage devices for plural computers.

**CONSTITUTION:** A signal from the analysis apparatus main body 1 is supplied to a slave computer 11 through an A/D converter 2. The slave computer 11 transfers data with a main computer 21 through an interface 10. The main computer 21 is connected to the auxiliary storage device 25 through an interface 20. The plural programs corresponding to plural rounds of the analysis apparatus are stored in the auxiliary storage de-

vice 25, and they are loaded on the main storage device in accordance with the designated round. The slave computer 11 executes a slave program transferred from the main computer 21. Both main and slave computers or one computer reads the program from the auxiliary storage device 25 if need even after execution is started and transfers the program between the main and slave computers.

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